

Title (en)
POLYSACCHARIDE-ELASTOMER MASTERBATCH COMPOSITIONS

Title (de)
POLYSACCHARID-ELASTOMER-MASTERBATCH-ZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS MÉLANGES-MAÎTRES POLYSACCHARIDE-ÉLASTOMÈRE

Publication
EP 3609949 A1 20200219 (EN)

Application
EP 18747052 A 20180627

Priority

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- US 2018039702 W 20180627

Abstract (en)
[origin: WO2019005927A1] Disclosed herein are polysaccharide-elastomer masterbatch compositions and processes for preparing the masterbatch compositions. One method comprises a step of a) mixing i) an aqueous polysaccharide dispersion, or ii) a basic aqueous polysaccharide solution, with a rubber latex solution containing a rubber component to form a mixture. The method further comprises the steps of: b) coagulating the mixture obtained in step a) to produce a coagulated mass; and c) drying the coagulated mass obtained in step b). The masterbatch compositions are useful in preparing rubber-containing articles.

IPC 8 full level
C08J 3/00 (2006.01); **C08J 3/16** (2006.01); **C08L 5/02** (2006.01); **C08L 7/02** (2006.01); **C08L 9/08** (2006.01); **C08L 11/02** (2006.01); **C08L 15/00** (2006.01); **C08L 23/16** (2006.01)

CPC (source: EP KR US)
C08B 37/0009 (2013.01 - EP KR US); **C08F 136/06** (2013.01 - US); **C08F 136/08** (2013.01 - US); **C08G 18/7664** (2013.01 - US); **C08J 3/005** (2013.01 - EP KR US); **C08J 3/16** (2013.01 - EP KR US); **C08J 3/22** (2013.01 - US); **C08J 3/226** (2013.01 - KR); **C08K 3/013** (2018.01 - US); **C08K 3/041** (2017.05 - US); **C08K 3/042** (2017.05 - US); **C08K 3/045** (2017.05 - US); **C08K 3/24** (2013.01 - US); **C08K 3/30** (2013.01 - US); **C08K 3/36** (2013.01 - US); **C08K 5/09** (2013.01 - US); **C08K 5/17** (2013.01 - US); **C08K 5/54** (2013.01 - US); **C08L 5/00** (2013.01 - EP KR); **C08L 7/02** (2013.01 - EP KR); **C08L 9/08** (2013.01 - EP KR); **C08L 21/00** (2013.01 - KR); **C08L 23/16** (2013.01 - US); **C08J 2305/00** (2013.01 - KR US); **C08J 2305/02** (2013.01 - EP); **C08J 2307/00** (2013.01 - US); **C08J 2307/02** (2013.01 - EP KR); **C08J 2309/02** (2013.01 - US); **C08J 2309/04** (2013.01 - EP KR); **C08J 2309/06** (2013.01 - US); **C08J 2309/08** (2013.01 - EP KR); **C08J 2311/02** (2013.01 - EP KR); **C08J 2315/00** (2013.01 - EP KR); **C08J 2323/16** (2013.01 - EP KR); **C08K 2003/309** (2013.01 - US)

C-Set (source: EP)
1. **C08L 5/00 + C08L 9/08**
2. **C08L 5/00 + C08L 7/02**
3. **C08L 7/02 + C08L 5/00**
4. **C08L 9/08 + C08L 5/00**

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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